

ZONENSHAYN, I.P.; SBORSHCHIKOV, I.M.

Petrofabric analysis of some folds in the western Verkhoyansk Range. Geotektonika no.4:92-105. Il-Ag '65.

(MIRA 18:8)

1. Vsesoyuznyy aerogeologicheskii trust Gosudarstvennogo geologicheskogo komiteta SSSR, Moskva.

SBORSHCHIKOVA, M.P., agronom-entomolog

Pests of rice seedlings. Zashch. rast. ot vred. i bol. 33-34
9 no.5:33-34 '64. (MIRA 17:6)

1. Otdel tekhnicheskikh i oroshayemykh zernovykh kul'tur
Ministerstva proizvodstva i zagotovok sel'skokhozyaystvennykh
produktov UzSSR.

GEORSHCHIKOVA, R. V.

24421 GEORSHCHIKOVA, R. V. Lecheniye troficheskikh yazv. Tokani D'Arsonvalya. Sbornik nauch. - Trudov (Yerevansk. nauch.-issled. D-T ortopedii i vosstanovit. Khirurgii), 1, 1949, S. 53-55.

SO: Letopis, No. 32, 1949.

CHAUSOV, Nikita Semenovich, kand.tekhn.nauk; Primali uchastiye:
GVOZDIKOV, B.F., inzh.-elektrik; KULAKOV, B.F., inzh.-elektrik;
SBORSHCHIKOV, S.G., inzh.-elektrik; PUKHLYANKO, A.A., inzh.-elektrik;
KORNEYEVA, V.P., tekhnik-elektrik; AYNBERG, V.D., programmist; MEL'NIKOVA,
M.G., programmist; KOZLOVA, R.Ya., programmist; ARKHIPOVA, A.A., programmist
VILKOV, G.N., red.izd-va; MOCHALINA, Z.S., tekhn.red.

[Using electronic computers in calculating engineering constructions
(programming the calculation of shallow shells and beams for the electronic
digital computer "Ural-1")] Primenenie elektronnykh vychislitel'nykh
mashin pri raschete inzhenernykh sooruzhenii (programmirovaniye rascheta
pologikh obolochek i sterzhnei dlia ETsVM "Ural-1"). Moskva, Gos.izd-vo
lit-ry po stroit., arkhitekt. i stroit. materialam, 1962. 135 p. (Akademiia
stroitel'stva i arkhitektury SSSR. Institut stroitel'nykh konstrukttsii.
Trudy, no.9). (MIRA 15:8)
(Electronic digital computers) (Elastic plates and shells)
(Beams and girders)

SECRSHCHIKYAN, A. V.

Afforestation - Armenia

Foresters of Armenia establish new forest plantations. Les. khoz. 5 No. 8, 1952.

Monthly List of Russian Accessions, Library of Congress, November 1952. Unclassified.

SBORSHCHIKYAN, R. V.

Sborshchikyan, R. V. "Pathogenesis of the thalamic syndrome," Sbornik nauch. trudov Kliniki nerv. bolezney (Yerevansk. gos. med. in-t), I-II, 1948, p. 395-406 -- In Armenian -- Summary in Russian

So: U-3566, 15 March 53, (Letopis 'Zhurnal 'nykh Statey, No. 13, 1949)

380114, C
SBOTIN, O.

Fourteenth All-Union exhibition of creative work of radio amateurs.
Radio no.1:31-33 Ja '58. (MIRA 11:1)
(Moscow--Radio--Exhibitions)

SBOYCHAKOV, M., kand.istoricheskikh nauk; SELISHCHEV, I.

"Lenin led us to victory; reminiscences" by S.I. Aralov.

Reviewed by M. Sboichakov, I. Selishchev. -Komm.Vooruzh.

Sil 3 no.19:88-92 0 '62.

(MIRA 15:9)

(Lenin, Vladimir Il'ich, 1870-1924)

(Russia--Revolution, 1917-1921)

(Aralov, S.I.)

ZASLAVSKIY, B. (Khar'kov); LYUSHNIN, N. (Khar'kov); GOTENOV, S. (Khar'kov);
PIL'NIK, A. (Khar'kov); MISAN, L. (Khar'kov); GAYDACHUK, V.,
(Khar'kov); SBOYCHAKOV, V. (Khar'kov)

Attention and support to volunteer design offices. Kryl.rod.
14 no.3:2-3 Mr '63. (MIRA 16:4)
(Aeronautics--Technological innovations)

1. SECHYEV, Yu.
2. USSR (600)
4. Electric Apparatus and Appliances
7. Simplification of feeler attachment. *Knomekhanik* no. 10, 1952.
9. Monthly List of Russian Accessions, Library of Congress, February 1953. Unclassified.

SBOYEVA, A.M. [deceased]

Content of chlor-IFC in carrots and onions grown in soil treated with this herbicide. Vop. pit. 21 no.1:73-74 Ja-F '62. (MIRA 15:2)

1. Iz otdela gigiyeny pitaniya (zav. - prof. A.I.Shtenberg) Moskovskogo nauchno-issledovatel'skogo instituta gigiyeny imeni F.F.Erismana.
(HERBICIDES) (ONIONS) (CARROTS)

SBOYEVA, R.M.

Growth of mixed young pine and birch forests in northern Karelia.
Izv.Kar.i Kol'.fil.AN SSSR no.3:88-93 '59. (MIRA 13:4)

1. Institut lesa Karel'skogo filiala AN SSSR.
(Karelia--Pine) (Karelia--Birch)

SBOYEVA, R.M.

~~Silvicultural~~ valuation of the density of young pine and birch
stands in northern Karelia. Trudy Kar. fil. AN SSSR no.25:17-28
'61. (MIRA 14:9)

(Karelia--Pine)

SBOYEVA, R.M.

Results of the introduction of fast growing and economically
valuable trees in Karelia forests. Trudy Kar. fil. AN SSSR
no.25:75-85 '61. (MIRA 14:9)

(Karelia--Trees)

SBOYEVA, S.G.

Procurement of noncultivated medical plants by the system developed
by the Central Association of Consumer Societies. Apt. delo 10
no. 2:19-23 Mr-Ap '61. (MIRA 14:4)

1. Kafedra organizatsii farmatsevticheskogo dela farmatsevticheskogo
fakul'teta 1 Moskovskogo ordena Lenina meditsinskogo instituta
imeni I.M. Sechenova (zav. kafedroy - dotsent T.I.Tol'tsman).
(BOTANICAL DRUG INDUSTRY)

SBOYEVA, S.G.

Work of the pharmacy managements of the Soviet Union's republics
in procuring wild medicinal plants. Apt. delo 10 no.6:11-14 N-D
'61. (MIRA 15:2)

1. I Moskovskiy ordena Lenina meditsinskiy institut imenk I.M.Sechenova.
(BOTANY, MEDICAL)

SBOYEVA, S.G. [Sboieva, S.H.]

Determination of the needs for raw medicinal plant material on a province scale. Farmatsev.zhur. 19 no.1:34-41 '64. (MIRA 18:5)

1. Kafedra organizatsii farmatsevticheskikh predpriyatiy farmatsevticheskogo fakul'teta 1-go Moskovskogo ordena Lenina meditsinskogo instituta im. I.M.Sechenova (zaveduyushchiy kafedroy - dotsent T.I.Tol'tsman).

SBOYEVA, S.G.

Correlation method for the study of the demand of medicinal
plant raw material. Apt. delo 14 no. 4:33-37 J1-Ag '65
(MIRA 19:1)

1. I Moskovskiy ordena Lenina meditsinskiy institut imeni
I.M. Sechenova. Submitted July 8, 1964.

MAN'KOVSKIY, G.I.; LUK'YANOV, V.S.; DOLGOV, O.A.; YERSHOV, N.N.; MATANOVA, E.M.; SBOYEVA-FILINA, K.V.; VOLKOVA, V.A., red. izd-va; SUKHININA, N.D., tekhn. red.

[Methods of calculating the basic parameters of rock freezing processes in shaft sinking with the help of a hydraulic integrator] Metodika rascheta s pomoshch'iu gidrointegratora osnovnykh parametrov protsessa zamorazhivaniia gornykh porod pri prokhodke shakhtnykh stvolov. Moskva, Gos. nauchno-tekhn. izd-vo lit-ry po gornomu delu, 1960. 53 p.

(MIRA 14:5)

(Integrators)

(Soil freezing)

SARBEK, J.

"Utilization of Slovak magnesites in the preparation of magnesium bisulfite solution for the production of sulfite pulp."

PAPIR A CELULOZA. Praha, Czechoslovakia. Vol. 10, no. 8, Aug. 1955.

Monthly list of East European Accessions (EEAI), LC, Vol. 8, No. 6, Jun 59, Unclas

SBRIZHER, G.I.; KHANANAYEV, V.G.

Automatic machining of the plates of "Zaria" watches.
Priborostroenie no.11:23-24 N '62. (MIRA 15:12)
(Clockmaking and watchmaking--Machinery)

SBRODOV, M.; BOSIN, I.

The SSL-A universal stationary flax dryer. Biul.tekh.-ekon.
inform.Gos.nauch.-issl.inst.nauch. i tekhn.inform. 16 no.10:
77-79 '63. (MIRA 16:11)

SBRODOV, M.Ye.

Mechanization of the transportation of liquid cast iron. Lit.
proizv. no.1:18-19 Ja '61. (MIRA 14:1)
(Foundries—Equipment and supplies)
(Materials handling)

SBRODOV, M.Ye.

Universal equipment for molding machines. Lit. proizv. no.4:
44 Ap '62. (MIRA 15:4)
(Foundries--Equipment and supplies)

SERODOV, M.Ye.

New technological processes for manufacturing rolls. Mashinostroitel'
no.5:37 My '63. (MIRA 16:7)

(Rolls (Iron mills))

SBRODOV, F. I.

USER/Miscellaneous - Foundry processes

Card 1/1 : Pub. 61 - 14/23

Authors : Sbrodov, F. I.

Title : Aluminum paint for chaplet blocks

Periodical : Lit. proizv. 3, page 28, May-June 1954

Abstract : The adaption of aluminum paint for coating of chaplet blocks instead of tinning, by the Kalinin Metallurgical Plant at Voronezh, and the advantages derived from the change are briefly described.

Institution : The Kalinin Metallurgical Plant, Voronezh

Submitted : ...

SBROZHEK, V. V.

SHELUCHENKO, Valentin Mikhaylovich; SBROZHEK, V.V., retsenzent; ARNOL'D, I.V.,
otvetstvennyy redaktor; SANDLER, N.V., redaktor izdatel'stva;
DROZHZHINA, L.P., tekhnicheskiiy redaktor; PETERSON, M.M., tekhnicheskiiy redaktor

[Designs of marine boilers] Konstruktsii sudovykh parovykh kotlov.
Leningrad, Izd-vo "Morskoi transport," 1957. 155 p.---[Collections
of drawings of structural marine boiler elements] Atlas konstruktsiy
sudovykh parovykh kotlov. 92 p. of diagrams. (MLRA 10:10)
(Boilers, Marine)

SBRUYEV, A. I.,

Subject : USSR/Engineering AID P - 5153
Card 1/1 Pub. 103 - 12/18
Authors : Chekhanovskiy, I. A., and A. I. Sbruyev
Title : Grinding outer conical surfaces with an inclination
angle larger than 7 degrees.
Periodical : Stan. 1 instr., 5, 41, My 1956
Abstract : The authors describe an attachment to a cylindrical
grinding machine with the longitudinal feed mechanism
for grinding outer conical surfaces exceeding 7 degrees
inclination. Three drawings.
Institution : None
Submitted : No date

SBURCU, Nicolae, arh.

An activity in continuous progress. Constr Buc 16 no. 763:3
22 Ag '64.

1. The "Proiect-Bucuresti" Institute.

KAHU, Gelu, ing.; SBURLAN, C., ing.

At the place where 3250/4500 dwt cargo boats are constructed.
St si Teh Buc 15 no.5:23-25 My '63

1. Planning Technical Director, Galati Shipyard (for Kahu).
2. Galati Shipyard (for Sburlan).

SBURLAN, D.A.

"Research on the cutting angle of the knife and the optimum thickness of the veneer obtained from evergreens. p. 105." BULETIN STIINTIFIC, Vol. 4, no. 1, Jan./Mar. 1952. Bucurest, Rumania.

SO: Monthly List of East European Accessions, L.C. Vol. 2, No. 11, Nov. 1953, Uncl.

SBURLAN, D. ; PARASCHIV, A.

A new technology in cutting beechwood; cutting on the band saw. p. 437.
(INDUSTRIA LEMNULUI. RUMANIA. Vol. 5, no. 10, Oct. 1956.)

EQ: Monthly List of East European Accessions (EEAL) LC, Vol. 6, no. 7, July 1957. Uncl.

SBURLAN, D.

Unification of forestry terminology, an important collective work. p. 458.
(INDUSTRIA LEMNULUI. RUMANIA. Vol. 5, no. 10, Oct. 1956.)

SO: Monthly List of East European Accessions (REAL) LC, Vol. 6, no. 7, July 1957. Uncl.

Card:

1/1

COUNTRY : Rumania K
 CATEGORY : Forestry. Dendrology.
 ABS. JOUR. : RZhBiol., No. 4, 1959, No. 15472
 AUTHOR : Sburlan, D.A.; Florescu, I.P.
 INST. :
 TITLE : Industrial Importance of the Hornbeam Wood.
 ORIG. PUB. : Rev. padurilor, 1958, 72, No.2, 67-71
 ABSTRACT : The morphological and ecological descriptions of Carpinus betulus are rendered, and the technical properties of its wood, which is superior to that of the beech, are characterized. The varied industrial-economic utilization of the hornbeam wood in Rumania is described, and it is shown that the hornbeam should not be considered an undesirable species for felling application.
 -- A. Yana

Card:

SBURLAN, D.A., prof. ing.

Proceeding and equipment for finishing furniture. Ind. Lemnului 14
no. 5:192-195 My '63.

SBURLAN, D.A., dr. ing.

Technical documentation in supporting production units in the field
of wood industrialization. Ind lemnului 14 no.10:397-398 0 '63.

SBURLAN, D. A., ing.

Briefing on the technical documentation of furniture
and stratified product enterprises held at the Silviculturist
House in Azuga, September 9-14, 1963. Ind lemnului 14 no.
11: 448 N '63.

SBUTEKA, Vjekoslav

Axonometric image of an object in the oblique-angled projection made with the aid of its orthogonal and oblique frontal projection. Zbor grad Univ Beograd 5 69-75 '62.

SOV/86-58-9-42/42

AUTHOR: Sbytov, N. A., Lt Gen of the Air Force

TITLE: Air Supremacy and the Role of Strategic Aviation
(Gospodstvo v vozdukhe i rol' strategicheskoy
aviatsii)

PERIODICAL: Vestnik vozdushnogo flota, 1958, Nr 9, pp 93-96
(USSR)

ABSTRACT: On the basis of foreign literature the author describes
the USA standpoint with regard to the problem of air supremacy
and the role of strategic aviation.

Card 1/1

SBYTCV, N.A., general-leutenant aviatsii

Character and principles of a world rocket and nuclear war. Mor. sbor.
47 no.3:9-16 Mr '64. (MIRA 18:7)

SBYTOV, Yu.G.

Reply to I.I.Gutman's letter to the editor. Izv.vys. ucheb.
zav.; fiz. no. 2:167-168 '64. (MIRA 17:6)

1. Moskovskiy gosudarstvennyy universitet imeni Lomonosova.

SCADOVSKI, S.; AVRAM, H.

Improved technology for the elaboration of malleable cast iron and the decrease of refuse by modification with metallic bismuth.

P. 12 (METALURGIA SI CONSTRUCTIA DE MASINI) (Bucuresti, Rumania) Vol. 10, no. 1, Jan. 1958

SO: Monthly Index of East European Accessions (EEAI) LC Vol. 7, No. 5. 1958

TURCU, I.; BILCU, Cl.; SCATES, S.; MACARESCU, V.

The investigation of serum catalase in epidemic hepatitis. Stud.
cercet. inframicrobiol. 13 no.3:385-390 '62.
(HEPATITIS, INFECTIOUS) (CATALASE) (ENZYME TESTS)

SCAIESTEANU, A

Mechanization of the work of painting and coating. p. 1.

CONSTRUCTORUL, Bucuresti, Vol 8, No. 313, Jan. 1956

SO: East European Accessions List (EEAL) Library of Congress, Vol 5, No. 7, July 1956

IONESCU, I.; LEPSI, S.; SCALETCHI, L.; NICA, Const.; STOICA, E.; BOBOESCU,
Virginia

Studies and research on the elements of rough oil filtration in
the D-36 M engine. Bul St si Tehn Tim 9 no.1;111-119 Ja-Je '64.

IONESCU, I., ing.; NICA, C., ing.; SCALETCHI, L., ing.

Device for uncoupling engines. Mec. electrif agric 9 no.3:
62-64 '64.

1. Faculty of Agricultural Mechanics, Timisoara.

SZAJEWSKI, Janusz, M.; SCANU, Angelo

Effect of triton WR-1339 on the heparin-induced plasma lipoprotein lipase activity in dogs. Acta med. pol. 4 no.1: 15-20 '63.

1. The Research Division of the Cleveland Clinic Foundation, Cleveland, Ohio, U.S.A.; Director: I.H. Page M.D.

(LIPOPROTEIN LIPASE) (SURFACE ACTIVE AGENTS)

(BLOOD CHEMICAL ANALYSIS)

SCAP, A.

Determining the normal consumption of heat in thermoelectric plants. p. 29.
(GLASNIK, Vol. 5, No. 4/5, 1956)

SO: Monthly List of East European Accessions (EEAL) LC Vol. 6, No. 12, Dec. 1957
Uncl.

SCAP, A.

"Development of the high-tension network in Istria."

p. 357 (Energija) Vol. 6, no. 11/12, Nov./Dec. 1957
Zagreb, Yugoslavia

SO: Monthly Index of East European Accessions (EEAI) LC. Vol. 7, no. 4,
April 1958

SCARI, Otto

21 91
 Emissivity spectrum of BiO^1 Otto Scari (Magyar Tudomán-
 ányos Akad. Központi Fiz. Kutató Intézete, Budapest,
 Hung.). Magyar Tudományos Akad. Központi Fiz. Kutató
 Intézetek Közleményei 3, 341-54(1955).—A new equation
 resulting from the vibration analyses for the wave no. of the
 band heads: $\nu = 14182.91 + (510.37 (\nu' + 0.5) - 2.92$
 $(\nu' + 0.5)^2) - (890.65 (\nu'' + 0.5) - 3.85 (\nu'' + 0.5)^2)$.
 The vibration const. of the BiO ground position: $\omega_e =$
 1093.25 cm^{-1} and $\omega_e x_e = 4.35 \text{ cm}^{-1}$. $D_e = 3.09 \pm 0.90 \text{ e.v.}$
 (Bridge and Howell, C.A. 48, 0252g). L. S. ~~Scari~~

Scari defected in 1965.

JHT

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SCAB/076

The emission spectrum of BiO. O. Scari (Hung. Acad. Sci., Budapest): *Acta Phys. Acad. Sci. Hung.* 6, 73-85 (1966) (in German); cf. Ghosh, *C.A.* 28, 12724. — A number of new bands were observed in the near infrared emission spectrum of BiO. A vibrational analysis gave for the wave nos. of the band heads $\nu = 15182.91 + 510.37 (\nu' + \frac{1}{2}) - 2.92 (\nu' + \frac{1}{2})^2 - 690.65 (\nu' + \frac{1}{2}) + 3.85 (\nu' + \frac{1}{2})^3$ cm.⁻¹. The ground state of BiO is believed to be ²Σ, and the following excited states are postulated (energy above ground state in cm.⁻¹ given): ²Σ, 14182.9; ²Π, 28739.5, 30220; ²Δ, 30500; ²Π, 38551.8, 40930. The vibrational constants of BiO are $\omega_e = 693.25$ cm.⁻¹, $\omega_e x_e = 4.35$ cm.⁻¹ and $D_e = 2.69 \pm 0.90$ e.v. H. H. Jaffé

Chem 1/8

EM

COUNTRY
CATEGORY

: Hungary
:

B-4

ABS. JOUR.

: RZKhim., No. 14 1959, No.

48468

AUTHOR

: Kovacs, I. and Scari, O.

INST.

: Hungarian Academy of Sciences

TITLE

: Intensity Distribution in a Rare Intercombina-
tional Molecular Band

ORIG. PUB.

: Acta Phys Acad Sci Hung, 8, No 4, 425-435 (1958)

ABSTRACT

: Using the eigenfunctions of a molecular model
containing five electrons, the authors have
calculated the distribution of intensities in
the possible branches of the intercombinational
[sic] bands ${}^6\Sigma^+ - {}^2\Sigma^+$ and ${}^6\Sigma^- - {}^2\Sigma^-$.
Diagrams for the energy levels of the 36 possible
branches are given.

From authors' summary

CARD: 1/1

HUNGARY/Optics - Spectroscopy.

K

Abs Jour : Ref Zhur Fizika, No 4, 1960, 9838

Author : Kovacs, I., Scari, Otto

Inst : -

Title : Intensity Formulas for ${}^7\Pi \leftrightarrow {}^7\Sigma$ Bands

Orig Pub : Acta phys. Acad. scient hung., 1959, 9, No 4, 423-443

Abstract : Formulas are given for the elements of the matrix of transformation of the ${}^7\Pi$ state. From the well known elements of the matrices of the transformation of the ${}^7\Pi$ and ${}^7\Sigma$ states, formulas are determined for the intensity factors, which make it possible to determine the relative intensities in the branches of the bands ${}^7\Pi(a) \leftrightarrow {}^7\Sigma$, ${}^7\Pi(b) \leftrightarrow {}^7\Sigma$. Comparison of the theoretical intensities, calculated from these formulas, with the experimental data on the bands in the spectrum of MnI , show satisfactory agreement.

Card 1/1

SCARLAT, A.

Approximate verification of plane and spatial stability of frames. II p. 594

INDUSTRIA CONSTRUCTILOR SI A MATERIALELOR DE CONSTRUCTIL, Bucuresti, Vol 6, No. 11,
Nov., 1955

SO: East European Accessions List (EEAL) Library of Congress, Vol 5, No. 7, July, 1956

S. ARAT, A. Ing.

Method for computing the frames with displacing functions of
various shape without writing the equations of condition. Rev
constr si mat constr 16 no. 3 1963-1964 Mr'64

GRIGORIU, M. ing.; MOARUAT, A., ing.

External rolling tracks in prestressed concrete for the timber
industry. Rev constr si met constr 16 no. 5:221-230 My'64

SCARLAT, Ion, ing.; CARABAS, Nicolaie, ing.; VLASIE, Gheorghe, ing.

Exploitation of smelting furnaces based on the analysis of
flue gases. Metalurgia constr mas 14 no.5:389-393 My '62.

1. Uzina Semanatoarea, Bucuresti.

DUPORT, Maria; COMBIESCO Ileana; ENESCO-ATANASIU, Alexandra;
CONSTANTINESCO, Gh.; SCARLAT, M.

Contribution to the study of sensitivity of the *Pediculus
corporis* species to insecticides. Arch. Roum. path. exp.
microbiol. 23 no.4:1045-1052 D '64.

1. Institut "Dr. I. Cantacuzino" (for Duport, Combiesco,
Enesco-Atanasiu) et Station de Malaria-Alexandria (for
Constantinesco, Scarlat). Submitted June 14, 1964.

SECRET 1, 74.
RUMANIA/Zooparasitology. Parasitic Protozoa.

G

Abs Jour: Ref Zhur-Biol., No 17, 1958, 76910.

Author : Ciuca, M.; Radazovici, E.; Chelarescu, M.;
Atanasiu, M.; Isfan, T.; Constantinescu, P.; Teriteanu, E.;
Gima, I.; Scarlat, M.; Constantinescu, G.; Tautu, L.

Inst :

Title : Study of Duration of Infestation of Plasmodium vivax,
Plasmodium falciparum and Plasmodium malariae (Preliminary Report).

Orig Pub: Bul. stiint. Sec. med., 1956, 8, No 2, 549-564.

Abstract: Observations of natural infection were conducted on 105 patients (97 - with Pl. vivax, 7 - with Pl. falciparum and one - with Pl. malariae), and with experimentally-induced malaria in 73 patients (40 - with Pl. vivax, 32 - with Pl. falciparum and one - with Pl. malariae). The duration of infestation with Pl. vivax in various cases was not over 2 years, and with Pl. falciparum - not over a year.

SCARLAT, Mihalache, coresp.

The laboratory has recieved new equipment. Constr Buc 17 no.800:
3 8 My '65.

SCARLAT, R.

RUMANIA/Human and Animal Physiology (Normal and Pathological). T-7
Adrenal.

Abs Jour : Ref Zhur - Biol., No 16, 1958, 74978

Author : Pitis, M., Stanescu, V., Segal-Leiba, S., Scarlat, R.

Inst : -

Title : Estrogenic Function of Adrenals and Its Role in the Endo-
crinopathies in Children.

Orig Pub : Studii si cercetari endocrinol. Acad. RPR, 1956, 7, No 1,
7-17.

Abstract : No abstract.

Card 1/1

- 80 -

SCARLAT R.

PITIS, M.; STANESCU, V.; SEGAL-LEIBA, S.; SCARLAT, R.

Investigations on hyperestrogenism in the adiposo-genital syndrome.
Rumanian M. Rev. 1 no.2:59-70 Apr-June 57.

(FROELICH SYNDROME, physiol.

adrenal glands & hyperestrogenism)

(ESTROGENS, metab.

hyperestrogenism in Froehlich synd.)

SCARLAT-NICOARA, D.
SCARLAT-NICOARA, D.

"A Few Observations About the Planting of Larches and Pines in Large Furrows in the Forest District of Sinaia." P. 329. (ANALELE ROMANO-SOVIETIC, Vol. 69, No. 6, June, 1954, Bucuresti, Rumania.)

SO: Monthly List of East European Accessions, (EEAL), LC, Vol. 4, No. 1, Jan. 1955 Uncl.

SCARLATESCU, G.: [REDACTED]

The burrowing Hare *Oryctolagus* (*Lepus*) *cuniculus* L. p. 477, Vol 70, No 10,
REVISTA PADURILOR, BUCURESTI, ROMANIA

SOURCE: East European Accessions List (EEAL) LC Vol 5, No 6, June 1956

BADESCU, Alexandru; CHIOSA, L.; DOBRE, V.; HAULICA, I.; SCARLETE, T.

Pharmacological properties of an osime, the chloride of phenacyl-
oxime by ridinium. Note 1: Cardiovascular action. Studii cerc.
fiziol. 4 no.3:321-334 '59. (EAI 9:5)
(OXIMES) (PHENACYLPYRIDINIUM CHLORIDE)
(CARDIOVASCULAR SYSTEM)

SCASNY, M.

"A book on the work of the horse in forests; a review of Jindra and others'
Kun v lesním průmyslu (The Horse in Forest Industries)."

p. 366 (Les) Vol. 12, no. 7/8, July/Aug. 1956
Prague, Czechoslovakia

SO: Monthly Index of East European Accessions (EEAI) LC. Vol. 7, no. 4,
April 1958

SCATULA, G.

SCATULA, G.

"New Techniques in the Clothing Industry", P. 334, (INDUSTRIA TEXTILA,
Vol. 5, No. 10, October 1954, Bucharest, Rumania)

SC: Monthly List of East European Accessions (EMAL), LC, Vol. 4, No. 3,
March 1955, Uncl.

SCATULA, G.

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Differentiation of Pliocene sand of the Kreka coal basin on the basis of heavy mineral analyses. Bul ac Youg 6 no.2:36 Je '61.

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(Yugoslavia—Sand)

SCAYNICAR, R

2493
/ Crystal structure of oxy-mercuric-mercurous chlorido,
2HgO.Hg₂Cl₂. R. Ščavničar (Pac. Sci. Univ., Zagreb,
Yugoslavia). *Acta Cryst.* 9, 956-9 (1956) (in English).--The
crystal structure of the Hg oxychloride, known under the
formula HgO.HgCl and identical with the mineral terling-
guite, was detd. It follows from the structure that 2HgO.
Hg₂Cl₂ is the correct formula. The crystals are monoclinic
holosymmetric with the space group C_{2h}-C2/c. The unit
cell of dimensions $a = 19.53$, $b = 5.92$, $c = 0.48$ Å, $\beta =$
144°, contains 4 formula units 2HgO.Hg₂Cl₂. The at.
coordinates were obtained with the help of vector and elec-
tron-d. projections along [001] and [010]. Diffraction ef-
fect of the Hg atoms did not allow the coordinates of the
light atoms to be detd. with greater accuracy than ± 0.05 Å.
The layer-type crystal structure is built up of HgO and Hg-
Cl. The HgO forms zigzag chains ... Hg-O-Hg-O-Hg ... with
the Hg-O distance 2.03 Å, and the bond angles at the Hg
atoms 180° and 108° alternately and 112° at the O atom.
The HgCl mols. are deformed with a deflection of 19° from
linearity; the distances Hg-Hg and Hg-Cl are 2.66 and
2.57 Å., resp. W. Nowacki

SCAVNIKAR, S.

(1)

Hg₂P₂I₂, D. Grdenić, S. Scavnikar, and M. Kester
(*Fac. Nat. Sci. Math., Zagreb, Yugoslavia*). *Archiv Kem.*
24, 61-6 (1952) (in English).—P₂I₄ (20 g.) and 40 g. Hg were
heated for 10 hrs. in a sealed tube of high-melting glass in an
atm. of CO₂. At the bottom the tube was kept at 330-340°
and in the center at 250°. Cooling took 2-3 hrs. The low
part of the tube contained Hg₂P₂I₂ (83% of theory), HgI₂,
Hg, and scarlet amorphous P. Well-developed crystals
were obtained occasionally when the process was repeated
with 1/10 of the above amounts. The compd. cannot be
analyzed according to the Volhard method; the Souberain-
Liebig method was used. Hg₂P₂I₂ can be prepd. also from 2
g. P₂I₄ and 8 g. Hg in a sealed glass tube by heating for 15 hrs.
in the same manner. The crystals are monoclinic. The
unit cell and space lattice group were detd. from oscilla-
tion photographs taken with filtered CuK radiation: $a =$
13.07, $b = 12.44$, and $c = 17.16$ Å; $\beta = 120.2^\circ$. As the
density is 7.68, the unit cell must contain 12 stoichiometric
units of Hg₂P₂I₂; the space lattice group is $C_{2h}^2 - P2_1/c$.
Werner Jacobson

SCAVNICAR, S.

YUGO.

Mercuric oxychloride as tri-chloromercury-oxonium chlor-
ide. Dr. Arden and S. Scavnicar (Univ. Zagreb, Yugo-
slavia). Nature 172, 58 (1953). $217\text{g Cl}_2, \text{HgO}$ was exam-
ined by x-ray diffraction. Its crystals belong to the cubic
tetrahedral class. The unit cell edge is $a = 0.22 \text{ \AA}$, and
the space group is $T^h P2_1 3$ with four formula units in the
elementary cell. The interatomic distances indicate the
structure $[(\text{ClHg})_3\text{O}]^+ \text{Cl}^-$. Sidney Arden

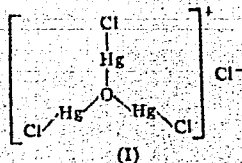
AA

Jan

S. ČAVNICA, S.

YUCO.

The crystal structure of trichloromercurioxonium chlor-
ide. S. Čavnicar and D. Grdinec (Univ. Zagreb),
Acta Cryst. B, 24, 1953. The crystal structure in the
so-called trimeric oxytetrachloride, $2\text{HgCl}_2\cdot\text{HgO}$, was
analyzed by x-ray methods. It follows from the positions
of all atoms, derived by means of the electron-density projection,
and from the symmetry relations, that the lattice consists of
 $(\text{ClHg})_3\text{O}^+$ cations and Cl^- anions (1). This compound is
therefore a trichloromercurioxonium chloride. The crystals



are cubic with the space group $T_d-2, 3$. The unit cell,
of dimension $a = 9.22 \text{ \AA}$, contains 4 formula units. The
O atoms are located on triad axes and the $(\text{ClHg})_3\text{O}^+$ ion
thus has trigonal symmetry. Moreover, it follows from
the at. coordinates that this ion is planar with O, Hg, and
Cl atoms very nearly in a straight line, the distances O-Hg
and Hg-Cl being 2.03 and 2.28 $\text{\AA}$, resp. Each oxonium
ion has 8 neighboring Cl ions located between 2 Hg atoms
with Hg...Cl distances of 2.94 and 3.94 $\text{\AA}$, resp.

W. Nowacki

SCANNING, S.

✓ The crystal structure of trimercuric oxychloride, $11\text{HgCl}_2 \cdot 2\text{HgO}$. S. Šćvrnčar (Univ. Zagreb). *Acta Cryst.* 8, 370-373 (1955). X-ray analysis has shown that the crystal structure of the mercuric oxychloride known by the formula $\text{HgCl}_2 \cdot 2\text{HgO}$ is best interpreted by the formula $\text{Hg}(\text{OHgCl})_2$. The crystals are monoclinic and holosymmetric with the space group $C_{2h}^2/P2_1/c$. The unit-cell dimensions are: $a = 7.10$, $b = 6.87$, $c = 6.86$ Å, $\beta = 120^\circ 10'$, and $Z = 2$. The parameters of all atoms were detd. with the help of Patterson and Fourier-Bragg projections along [001] and [100]. It follows from the values of interat. distances that the lattice is formed of Hg^{++} located in special positions and polymeric anions $(\text{OHgCl})^-$, with all atoms in general positions. Each Hg in a general position is surrounded by 3 O atoms and one Cl atom in a distorted tetrahedron. These tetrahedra are linked together in layers in such a way that each Cl atom belongs to only one Hg and each O to 3 neighboring Hg atoms; the distances within the layers being $\text{Hg-O} = 2.16$ Å and $\text{Hg-Cl} = 2.68$ Å. Each Hg^{++} is surrounded by 2 O and 4 Cl atoms in a distorted octahedron at the distances of 2.40 and 2.94 Å, resp. W. Nawacki

SCAVNICAR, S.

Distr: 4E2c(j)

The lone-pair-bond-pair repulsion in the square pyramidal configuration of quinecoordinated trivalent antimony. D. Grdenić and S. Scavnicar (Rudjer Bošković Inst., Zagreb, Yugoslavia), *Proc. Chem. Soc.* 1960, 147-8. — Accurate at. parameters of the crystal structure of Sb_2S_3 were obtained by x-ray diffraction. The coordination around Sb atoms is satisfactorily interpreted. One-half of the Sb in the ribbonlike Sb_2S_3 polymer structure is quinecoordinated, the coordination polyhedron being a square pyramid. The essential feature is that the Sb atom occupies a position outside the pyramid at a distance $\delta = 0.12$ Å. from the basis plane II, but not in the center of the basal plane I. This deviation from the regular Sidgwick-Powell coordination polyhedron can be qual. explained by the lone-pair-bond-pair repulsion; or it can be treated more exactly by the quantum-mech. method of mixing s - and p -orbitals on a $d^{10}s^2$ central ion. Values of δ for the structure with Sb in the square pyramidal coordination were given for the compds. K_3SbF_6 , 0.30; $KSbF_6$, 0.22; $FeSb_2S_7$, 0.26; $Hg-Sb_2S_7$, 0.17, 0.20, 0.36; $PbAgSbS_3$, ~ 0.10 , Sb_2S_3 , 0.12 Å. H. Sadek

6
2-904(NB)(map)

YUGOSLAVIA

Slavko MRSEVIC and Vladimir SCRCAN, Department of Microbiology, Medical Faculty, University (Mikrobiološki institut Medicinskog Fakulteta Univerziteta), Belgrade

"A Contribution to the Study of Experimental Listeriosis."

Belgrade, Stopski Arhiv za Celokupno Lekarstvo, Vol 90, No 9, Sept 1962; pp 777-807

Abstract [French summary modified]: Study of 10 strains of *Listeria monocytogenes*; differential diagnosis with *Erysipelothrix rhusiopathiae* and *Enterobacteria*; biochemical characteristics comparative with various strains of enterococci; immunologic study with 10 guinea pigs and 5 rabbits, hemagglutination in rabbits. Five tables, 2 photographs, 24 Western references.

Thioamides. I. Thiofuroic acid amides. V. Hahn, Z. Stojanac, O. Šedrov, N. Pravdić-Sladović, S. Tomasić, and D. Emer (Univ. Zagreb, Yugoslavia). *Croat. Chem. Acta* 29, 319-27 (1957) (in German).—A series of substituted

amides of $O:C(CSNRR')CH:CH:CH$ was prepd. in general by portionwise addn. of 0.4-1 mole P_2S_5 with shaking to a soln. of 1 mole of an appropriate $C_6H_5OCONRR'$ in 2-3 vols. C_6H_5N , refluxing the mixt. 40-120 min., cooling, pouring into 5-10-fold vol. H_2O at 50-60°, keeping overnight in cold and working up as in methods (A) or (B): (A) the product was filtered off, washed, dried and crystd. directly, or dissolved in 8-10% $NaOH$, the soln. filtered, the product reprecipd. with 8-10% HCl , and crystd.; (B) if not crystallizable, the product was extd. with Et_2O , the exts. washed with dil. HCl and H_2O , dried, evapd., distd., and the distillate crystd. or redistd. The following compds. were prepd. (R, R', procedure for prepn., % yield, b.p./mm., m.p. and solvent for crystn. given): H, H, B, 84, 160-2°/15, 130-1°, C_6H_5 -EtOH; H, Me, B, 91, 153-7°/18, 60-71°, C_6H_5 -petr. ether; H, Et, B, 84, 155-60°/16 (148-50°/11), —, —, d₄ 1.1629, n_D 1.6236; H, PhCH₂, B, 98, —, 47-0°, petr. ether; H, Ph (I), A, 80, —, 107-8°, C_6H_5 -

petr. ether; H, p-MeC₆H₄, A, 88, —, 85-5.5°, C_6H_5 -petr. ether; H, m-MeC₆H₄, A, 67, —, 46.5-7°, aq. MeOH; H, p-MeC₆H₄, A, 85, —, 68-9°, C_6H_5 -petr. ether; H, 2-C₆H₄, A, 84, —, 129.5-30°, aq. EtOH; H, p-MeOC₆H₄, A, 91, —, 126-30°, MeOH; H, p-EtOC₆H₄, A, 94, —, 80-1°, C_6H_5 -petr. ether; Et, Et, B, 84, 158-03°/15 (143-4°), —, d₄ 1.1025, n_D 1.5960; Me, Ph, A, 74, —, 70.5-71°, aq. EtOH; Et, Ph, A, 79, —, 85-6°, EtOH; PhCH₂, Ph, A, 90, —, 76-7°, EtOH; Ph, Ph, A, 67, —, 138-9°, EtOH. Addn. of 23 g. 2-C₆H₄OCOC₂H₅ (II) to 23.2 g. p-EtOC₆H₄NH₂ suspended in 200 ml. 5% $NaOH$ with vigorous shaking 20 min. and stirring 1 hr. gave 81% 2-C₆H₄OCONHC₆H₄OEt-p, m. 130-1° (aq. EtOH). II added to PhCH₂NHPh in C_6H_5 gave 91% 2-C₆H₄OCON(CH₂Ph)Ph, m. 111-12° (aq. EtOH). Thiofuroic acid piperidide was prepd. following A, m. 55-6° (petr. ether), quant. yield. I dissolved in KOH gave with $BzCl$ 44% 2-C₆H₄OCSNBzPh, deep-red prisms, m. 129-9.5° (EtOH). Addn. of 3.5 g. Me_2SO to 2.03 g. I in 12 ml. 10% $NaOH$ and refluxing 30 min. gave 94% $C_6H_5OC(SMe)_2$; Ph , m. 41.5-2° (aq. EtOH). G. Gultak.

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(for Seedorov). 2. Kalinovic Serum Plant, Zagreb (for Lesic).

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(HEART DISEASES in adolescence)

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(EXOPHTHALMOS, exper.
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